

# EDIFICE - Observational study on the diagnostic evaluation of the intestinal microbiota of French people infected with the Coronavirus

Head :MARTI Guy

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## General

### Identification

|  |  |
|--|--|
| Detailed name  | Observational study on the diagnostic evaluation of the intestinal microbiota of French people infected with the Coronavirus |
| Sign or acronym  | EDIFICE  |
| CNIL registration number, number and date of CPP agreement, AFSSAPS (French Health Products Safety Agency) authorisation | 20.04.14.68238   |

### General Aspects

|                                   |  |
|-----------------------------------|--|
| Medical area                      | Gastroenterology et hepatology<br>Immunology<br>Infectious diseases<br>Internal medicine |
| Study in connection with Covid-19 | Yes  |
| Health determinants               | Others (specify)   |
| Others (details)                  | Microbiota   |
| Keywords                          | intestinal microbiota  |

### Scientific investigator(s) (Contact)

|                      |                                 |
|----------------------|---------------------------------|
| Name of the director | MARTI                           |
| Surname              | Guy                             |
| Email                | guy.marti@doctocare.com         |
| Organization         | Clinique St Jean de l'Hermitage |

### Collaborations

## Funding

### Governance of the database

Sponsor(s) or organisation(s) responsible LUXIA SCIENTIFIC

Organisation status Private

Presence of scientific or steering committees Yes

### Additional contact

Name of the contact CERVINO

Surname Alessandra

Address HCenter, <br>11 Rue Benjamin Franklin<br>77000 La Rochette

Email acervino@luxia-scientific.com

Organization Luxia Scientific

### Main features

#### Type of database

Type of database Others

Specify CRF

Database recruitment is carried out by an intermediary A selection of health institutions and services

Database recruitment is carried out as part of an interventional study No

#### Database objective

Main objective Validate the hypothesis for a relationship between the loss of diversity of the intestinal microbiota and screening positive for COVID-19, by comparing hospitalised COVID-19 positive patients with an exposed French population represented by hospital medical and paramedical personnel

Inclusion criteria COVID-19 positive patients: hospitalised patients diagnosed with COVID-19 in one of the two investigating sites, and able to provide a stool

sample  
Exposed subjects: Medical and paramedical personnel working at one of the two investigating sites, having been in direct contact with the patients.  
Aged between 18 and 85 years  
Subjects able to read the French-language study information leaflet  
Patients with social cover

## Population type

Age  
Adulthood (19 to 24 years)  
Adulthood (25 to 44 years)  
Adulthood (45 to 64 years)  
Elderly (65 to 79 years)  
Great age (80 years and more)

Population covered  
General population

## Pathology

Gender  
Male  
Woman

Geography area  
National

Detail of the geography area  
Ile de France and Loire Atlantique

## Data collection

### Dates

### Size of the database

Size of the database (number of individuals)  
< 500 individuals

Details of the number of individuals  
160

## Data

Type of data collected  
Clinical data  
Biological data

Clinical data (detail)  
Direct physical measures

Biological data (detail)  
Analyses of the intestinal microbiota by 16s

Presence of a biobank  
No

Health parameters studied

Health event/mortality

## Procedures

Data collection method

Paper CRF

Quality procedure(s) used

ISO13485

Participant monitoring

No

Followed pathology

Links to administrative sources

No

## Promotion and access

Promotion

Access